

WHAT IS CLAIMED IS:

1. A method for displaying redline markups on a base document comprising:
  - (a) accessing a RedlineXML (extended markup language) document that conforms to a RedlineXML schema, wherein the RedlineXML schema identifies the structure of the RedlineXML document, wherein the Redline XML document comprises:
    - (1) a base document element that identifies a base document; and
    - (2) an object element comprising one or more attributes for displaying a redline markup object on the base document; and
  - (b) displaying the redline markup object on the base document in accordance with the objects element and the one or more attributes set forth in the RedlineXML document.
2. The method of claim 1 wherein the object element specifies one or more constraints and one or more attributes for drawing a redline geometric object on the base document.
3. The method of claim 1 wherein the object element specifies one or more constraints and one or more attributes for drawing redline text on the base document.
4. The method of claim 1 wherein the object element specifies one or more constraints and one or more attributes for drawing a group of redline objects on the base document.
5. The method of claim 1 wherein:

the object element is in a markup plane; and  
the Redline XML document identifies the markup plane.

6. The method of claim 1 wherein the base document element further identifies a  
5 system that can parse and display the base document.

7. A data structure storing a RedlineXML (extensible markup language) document  
that conforms to a RedlineXML schema, the data structure being stored in a data storage device  
for use by a redline processor executed by a computer, wherein:

10 (a) the RedlineXML schema identifies the structure of the RedlineXML document;  
(b) the Redline XML document comprises:

(1) a base document element that identifies a base document;

(2) an object element comprising one or more attributes for displaying a  
redline markup object on the base document; and

15 (c) the redline processor processes and displays the redline markup object on the  
base document in accordance with the objects element and the one or more attributes set forth  
in the RedlineXML document.

8. The data structure of claim 7 wherein the object element specifies one or more  
20 constraints and one or more attributes for drawing a redline geometric object on the base  
document.

9. The data structure of claim 7 wherein the object element specifies one or more constraints and one or more attributes for drawing redline text on the base document.

10. The data structure of claim 7 wherein the object element specifies one or more constraints and one or more attributes for drawing a group of redline objects on the base document.

11. The data structure of claim 7 wherein:  
the object element is in a markup plane; and  
the Redline XML document identifies the markup plane.

12. The data structure of claim 7 wherein the base document element further identifies a system that can parse and display the base document.

13. A computer-implemented system for displaying redline markups on a base document, the system comprising:

- (a) a computer;
- (b) a document to be utilized as a base document;
- (c) a RedlineXML (extensible markup language) schema that identifies the structure of a RedlineXML document, wherein the RedlineXML schema comprises:
  - (1) a base document element that identifies a base document; and
  - (2) an object element comprising one or more attributes for displaying a redline markup object on the base document;

- (d) a RedlineXML document that conforms to the RedlineXML schema;
- (e) a redline processor installed on the computer, the redline processor configured to display the redline markup object on the base document in accordance with the object elements and the one or more attributes set forth in the RedlineXML document.

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14. The system of claim 13 wherein the object element specifies one or more constraints and one or more attributes for drawing a redline geometric object on the base document.

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15. The system of claim 13 wherein the object element specifies one or more constraints and one or more attributes for drawing redline text on the base document.

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16. The system of claim 13 wherein the object element specifies one or more constraints and one or more attributes for drawing a group of redline objects on the base document.

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17. The system of claim 13 wherein:  
the object element is in a markup plane; and  
the Redline XML document identifies the markup plane.

18. The system of claim 13 wherein the base document element further identifies a program that can parse and display the base document.